

**Table S7. Statistical test of difference of prophylactic efficacy between 300mg sd-PrEP and 600mg sd-PrEP with TDF.**

Inoc. size	Drug intake prior to viral exposure				
	1 hr	6 hr	12 hr	24 hr	48 hr
1	p = 0.26	p = 0.19	p = 0.76	p = 0.3	p = 0.6
5	p < 0.05	p = 0.3	p = 0.53	p < 0.05	p = 0.4
20	p = 0.2	p = 0.16	p = 0.47	p < 0.01	p = 0.26
100	p = 0.2	p = 0.18	p = 0.2	p < 0.01	p < 0.05

The distinct fields show the p-value for a  $\chi^2$ -test between the prophylactic efficacy between 300mg and 600mg sd-PrEP with TDF. The predicted outcome was significantly different between the two distinct dosing regimens, if the p-value is  $p < 0.05$ , or  $p < 0.01$  respectively (yellow- and red-shaded fields).